

MILLER ENVIRONMENTAL COMPANY

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385 PITTSBURG AVENUE
RICHMOND, CALIFORNIA 94801
(415) 233-9068
FAX (415) 233-2509

August 21, 1990

Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Attn: Mr. Gil Wistar

Re: California Linen Rental Co., 989 41st Street ,
Oakland, CA, (MEC # 90-1031)

Dear Mr. Wistar:

Enclosed are the laboratory results for the second quarterly sampling interval for the above-mentioned site.

Prior to well sampling, a visual observation for floating product was performed using a clear teflon bailer. No product was observed in any of the monitoring wells. For ease of reference, a summary of laboratory results is presented below in Table 1:

TABLE 1
SUMMARY OF LABORATORY RESULTS

Well #	Date	TPH gas	TPH dsl	TPH w.o.	B	T	E	X
MW1	10/02/89	70	0.61	ND	2.8	2.4	2.3	4.8
	02/20/90	73	2.2	3	7.5	5.9	0.68	5.3
	07/25/90	34	ND	1	2.0	0.67	0.12	1.5
MW2	10/02/89	ND	ND	ND	ND	ND	ND	ND
	02/20/90	ND	ND	ND	ND	ND	ND	ND
	07/25/90	ND	ND	ND	ND	ND	ND	ND
MW3	10/02/89	ND	ND	ND	ND	ND	ND	ND
	02/20/90	ND	ND	ND	ND	ND	ND	ND
	07/25/90	ND	ND	ND	ND	ND	ND	ND

a) all results are expressed in milligrams per liter (mg/L) which is equivalent to parts per million (ppm).

Water level readings were obtained prior to well purging. Table 2 is a summary of ground water elevations.

TABLE 2
SUMMARY OF GROUND WATER ELEVATIONS

	MW1	MW2	MW3
11/13/89	45.85	44.91	45.96
12/14/89	45.86	44.97	45.96
2/20/90	46.53	45.35	46.37
3/22/90	46.55	45.17	46.09
4/23/90	45.81	44.99	46.01
7/25/90	45.68	44.88	45.92

a) elevations are given in feet above mean sea level (MSL).

Ground water flow direction at this site has not varied significantly from the north-northwest flow stated in the technical report submitted by Miller Environmental Company on 11/3/89.

If you have any questions please do not hesitate to call me.

Sincerely,
MILLER ENVIRONMENTAL COMPANY



Reinhard Ruhmke
Hydrogeologist

Enc: Laboratory results, site plan

cc: Lester Feldman - RWQCB
Joel Pitney - California Linen
file - 90-1031

RECEIVED

AUG 20 1990

MILLER ENVIRONMENTAL CO.



3700 Lakeville Highway, Petaluma, CA 94954
P.O. Box 808024, Petaluma, CA 94975-8024
Telephone: (707) 763-8245 FAX: (707) 763-4065

John Sammons
Miller Environmental Co.
Environmental Engineering
385 Pittsburg Ave
Richmond, CA 94801

Client Code: MIECS
Survey # CALIF.LINEN
Project/Release # 90-1031

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LABORATORY RESULTS

Date Collected: 07/25/90
Date Analyzed: 08/03/90

Laboratory Job No.: 904695
Date Received: 07/27/90
Date Reported: 08/16/90

ASSAY:

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

MATRIX: WATER

LABNO SMPLNO	COMPOUND	FOUND mg/L	DET.LIM. mg/L
22560 MW-3	TRPH	ND	0.7
22561 MW-2	TRPH	ND	0.7
22562 MW-1	TRPH	1	0.6

THIS REPORT HAS BEEN REVIEWED
AND APPROVED FOR RELEASE.

DF



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L A B O R A T O R Y R E S U L T S

Date Collected: 07/25/90
Date Extracted: 08/08/90
Date Analyzed: 08/08/90

Laboratory Job No.: 904695
Date Received: 07/27/90
Date Reported: 08/16/90

ASSAY: TPH/GASOLINE (EPA 5030/8015)
MATRIX: LIQUID

<u>LABNO</u> <u>SMPLNO-ID</u>	<u>RESULTS</u>	<u>DET.LIM</u>
22560 MW-3 GASOLINE	ND	0.05 mg/L
22561 MW-2 GASOLINE	ND	0.05 mg/L
22562 MW-1 GASOLINE	34 mg/L	2.50 mg/L



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L A B O R A T O R Y R E S U L T S

Date Collected: 07/25/90
Date Extracted: 08/08/90
Date Analyzed: 08/08/90

Laboratory Job No.: 904695
Date Received: 07/27/90
Date Reported: 08/16/90

ASSAY: TPH/ BTEX (EPA 5030/602)
MATRIX: LIQUID

LABNO SMPLNO-ID	RESULTS	DET.LIM
22560 MW-3		
BENZENE	ND	0.001 mg/L
TOLUENE	ND	0.001 mg/L
ETHYLBENZENE	ND	0.001 mg/L
XYLENE	ND	0.001 mg/L
22561 MW-2		
BENZENE	ND	0.001 mg/L
TOLUENE	ND	0.001 mg/L
ETHYLBENZENE	ND	0.001 mg/L
XYLENE	ND	0.001 mg/L
22562 MW-1		
BENZENE	2.0 mg/L	0.05 mg/L
TOLUENE	0.67 mg/L	0.05 mg/L
ETHYLBENZENE	0.12 mg/L	0.05 mg/L
XYLENE	1.5 mg/L	0.05 mg/L



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L A B O R A T O R Y R E S U L T S

Date Collected: 07/25/90
Date Extracted: 07/31/90
Date Analyzed: 08/02/90

Laboratory Job No.: 904695
Date Received: 07/27/90
Date Reported: 08/16/90

ASSAY: TPH/DIESEL (EPA 8015)
MATRIX: WATER

LABNO SMPLNO-ID -----	RESULTS -----	DET.LIM -----
22560 MW-3 DIESEL	ND	0.05 mg/L
22561 MW-2 DIESEL	ND	0.05 mg/L
22562 MW-1 DIESEL	ND	0.05 mg/L



3700 Lakeway Highway, Petaluma, CA 94952
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SAMPLE CHAIN OF CUSTODY / WORK ORDER

Client's Name Miller Environmental Phone 233-9068
 Address 385 Pittsburg Ave
 City, State, Zip Richmond, Ga. 94804
 Client's or Representative's Signature Richard Ruhl
 (signature authorizes the work and terms listed below)

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pick up samples.

PROJ. NO.	PROJECT NAME					AT NO. OF CONTAINERS	ANALYTES				REMARKS	LAB USE ONLY LAB NO.
10-1031	California Linen						BTEX	TPH Gas	TPH Diesel	TPH Total Oil		
SAMPLERS (Signature)												
Warin J Reinhardt												
STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION							
1	7/25	1340		✓	MW3	4	✓	✓	✓	✓		
2	7/25	1340		✓	MW3		✓	✓	✓	✓		
3	7/25	1340		✓	MW3		✓	✓	✓	✓		10 day
4	7/25	1340		✓	MW3		✓	✓	✓	✓		
5		1450		✓	MW2	4	✓	✓	✓	✓		DAT
6		1450		✓	MW2		✓	✓	✓	✓		
7		1450		✓	MW2		✓	✓	✓	✓		
8		1450		✓	MW2		✓	✓	✓	✓		
9		1515		✓	MW3		✓	✓	✓	✓		
10		1515		✓	MW3 MW1	4	✓	✓	✓	✓		
11		1519		✓	MW3		✓	✓	✓	✓		
12		1519		✓	MW3		✓	✓	✓	✓		

Relinquished by: (Signature) <u>Warin J Reinhardt</u>	DATE <u>7/26</u>	TIME <u>8:00</u>	Received by: (Signature) <u>Richard Ruhl</u>	General Remarks:
Relinquished by: (Signature) <u>[Signature]</u>	DATE <u>7/26</u>	TIME <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	